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WB0112 Brite Discharge Base

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Low/Low
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | 320°F (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | N/A
- **Emulsion** | Direct or indirect
- **Mesh Count** | 86-180 mc in (34-71 mc cm)
- **Thinner** | RV Additive
- **Thickener** | N/A
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | Milky
- **Substrate Type** | Cotton
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Brite Discharge Base creates vibrant colors when blended with “**Neo Pigments**” up to 15%. Use with Matsui CMS (Color Matching Software) to create Pantone® colors. Great for printing spot color discharge prints.

Features

- Easy to mix and print
- Create thousands of color shades by adding up to 15% Neo Pigments
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Blend 50/50 with **HM Discharge Base** to go through higher mesh up to 230 mc in (91 mc cm) and still maintain bright colors
- CPSIA and HR4040 Compliant
- Is “PVC Free”

Application

Print through mesh up to 180 mc in (71 mc cm) when cured at 320°F (160°C), **Brite Discharge Base** produces the softest prints achievable in textile screen printing today.

Special Recommendations

Brite Discharge Base should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Brite Discharge Base** test positive for restricted PVC's.

- **Brite Discharge Base** can be dry cleaned or ironed
- Use Retarder MG 1-5% to help with open time in the screen
- Use Fixer WF-N 1-5% to help with wash fastness
- Use Softener MG 1-4% to help penetrate in to the garment
- Use Discharge Agent up to 10% to activate
- Use RV Additive 1-3% to reduce viscosity